Cardio-circulatory breakdown by rupture of iliac aneurysm: the endovascular solution to survive

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Disclosure

Speaker name:

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I have the following potential conflicts of interest to report:

☐ Consulting
☐ Employment in industry
☐ Stockholder of a healthcare company
☐ Owner of a healthcare company
☐ Other(s)

☑ I do not have any potential conflict of interest
Case Report

67 yo, ♂
Admitted to A&E for haemorragic shock

PMH
Hypertension

CT scan
Ruptured left CIA aneurysm ⌀ 74 mm
AAA ⌀ 60 mm
Right CIA aneurysm ⌀ 20 mm
In the operating theatre:
15 minutes of cardiopulmonary resuscitation with carotid pulse recovery
In the operating theatre:

15 minutes of cardiopulmonary resuscitation with carotid pulse recovery
... where is Biella?
Nuovo Ospedale degli Infermi
Biella – Italy
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Nuovo Ospedale degli Infermi
Biella – Italy

Open in 2014
>450 beds
12 operating theatres
Nuovo Ospedale degli Infermi
Biella – Italy

No Supply Storage for EVAR in rAAA
What about covered stents?
Strategy
First step

Lt CIA ruptured aneurysm exclusion
GORE Viabahn 13 x 100 mm (VBC131002A) + 10 x 150 mm (VBC101502A)
Post-op conditions

1. ALIVE!
Post-op conditions

2. Minor stroke
   (right arm weakness due to small frontal ischaemic area)

3. Left ilio-femoral DVT
   associated with sub-segmental PE
Second step

EVAR Bolton Treo
28B236120S main body on the right
28L224100S on the left

CEUS (3 months): no EL
Discussion

• Brainstorming: use what you have
• Covered stents: why not?
• ... in this case: endovascular is LIFE-saving
  (no open surgical options for the first step)
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